

Amendments to the Claims

1. *(Currently Amended)* A security system, in particular in a motor vehicle ~~(10)~~, comprising a transmitter which transmits a signal in the form of an electromagnetic field ~~(11, 14)~~ and a transportable receiver ~~(12)~~ which receives the signal and sends back a corresponding response signal to a further receiver, characterized in that a gradient of the electromagnetic field ~~(11, 14)~~ can be detected by the receiver ~~(12)~~.
2. *(Currently Amended)* A security system as claimed in claim 1, characterized in that a spatial gradient can be detected, in particular a homogeneous electromagnetic field ~~(11)~~.
3. *(Currently Amended)* A security system as claimed in ~~claim 1 or 2~~claim 1, characterized in that a number of transmitters are provided.
4. *(Currently Amended)* A security system as claimed in ~~any of claims 1 to 3~~claim 1, characterized in that a temporal gradient can be detected.
5. *(Currently Amended)* A security system as claimed in ~~either of claims 3 and 4~~claim 3, characterized in that the transmitters each transmit different signals.
6. *(Currently Amended)* A security system as claimed in ~~any of claims 1 to 5~~claim 1, characterized in that one or more transmitters can be located by means of the receiver ~~(12)~~.
7. *(Currently Amended)* A security system as claimed in claim 6, characterized in that the receiver ~~(12)~~ has a directional antenna.